

HE UNITED STATES PATENT AND TRADEMARK OFFICE

In re a	application of:	Examiner: Not Yet Assigned
Shiml	kets et al.	Examiner. Not 1 et Assigned
Appli	cation No.: 10/722,292	Crown Art Unit: Not Vot Assigned
Filed:	November 25, 2003	Group Art Unit: Not Yet Assigned
For:	METHOD OF DETECTING	
	CARDIAC HYPERTROPHY	
	THROUGH PROBE	+
	HYBRIDIZATION AND GENE	
	EXPRESSION ANALYSIS	
	INFORMATION DISCLOSURE ST	
	HITURINA HUN DISCLUSURE ST	'ATEMENT TRANSMITTAL LETTER

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:	
	d herewith is an Information Disclosure Statement for consideration in the above-identified application. This ion Disclosure Statement is submitted:
	Within 3 months (1) of filing date of a national application; (2) of date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first Office Action on the merits, whichever occurs last. (No fee is required.)
	After the mailing date of a first Office Action but before (1) mailing of a final action under 37 C.F.R. §1.113; or (2) mailing of a notice of allowance under §1.311, whichever occurs first.
	Payment for the fee set forth in 37 C.F.R. §1.17(p) accompanies this submission; or
	The certification specified in 37 C.F.R. §1.97(e) is made below. (No fee is required.)
§1.311 made	After the mailing of (1) a final action under 37 C.F.R. §1.113; or (2) a notice of allowance under 37 C.F.R. whichever occurs first, but before payment of the issue fee. The certification specified in 37 C.F.R. §1.97(e) is below. The Commissioner hereby is petitioned to consider the Information Disclosure Statement accompanying mission. Payment for the Petition fee set forth in 37 C.F.R. §1.17(i)(1) accompanies this submission.
	The undersigned counsel for applicant(s) hereby certifies each item of information identified in the Information
	re Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application not n three months prior to the filing of this Information Disclosure Statement.
	The undersigned counsel for applicant(s) hereby certifies that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
	PTO Form 2038 to charge filing fee of \$0.00 to Sonnenschein's American Express Account.

Serial No.: 10/722,292

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The Commissioner is hereby authorized to charge any deficiency in fees which may be required, or credit any overpayment to Account No. 19-3140. A duplicate copy of this sheet is enclosed for this purpose.

Very respectfully,

SONNENSCHEIN NATH & ROSENTHAL LLP

When phoning re this application, please call (312) 876-8071.

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CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service in an envelope addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. on DEC. 18, 2003.

14349669/v1

Daniel W. Celander, Ph.D.

Our File No. 09800080-0174

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shimkets et al.

Application No.: 10/722,292

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Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the references identified on the attached PTO-1449 form, copies of which are enclosed herewith in accordance with 37 C.F.R. §1.98, be made during the course of examination of the above-referenced application for United States Letters Patent.

EXPLANATION OF RELEVANCE

References A1, B1, and C1 through C99 were filed in Serial No. 09/554,169 filed on August 21, 2000, which is the parent for this new divisional application. Copies of the cited references are enclosed.

Respectfully submitted,

Daniel W. Celander, Ph.D.

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14349670/v1

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					et al.	
	(use as ma	ny shee	ts as necessary)	Group Art Unit	Not Yet Assigned	
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Sheet	1	of	10	Attorney Docket Number	09800080-0174	

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Examiner Initials*	CiteNo.1	U.S. Patent D	Ocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,679,545		Joffre Baker et al.	10-21-1997	

	FOREIGN PATENT DOCUMENTS											
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¹ Unique citation designation number. ² See attached Kinds of U.S. patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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C mplete if Known DEC 2 4 2003 Substitute for form 1449A/PTO 10/722,292 **Application Number** INFORMATION DISCEOSU November 25, 2003 Filing Date STATEMENT BY APPL Richard A. Shimkets First Named Inventor et al. Not Yet Assigned (use as many sheets as necessary) Group Art Unit Not Yet Assigned **Examiner Name** 09800080-0174 Sheet 3 of 10 Attorney Docket Number OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the T^2 Examiner CiteNo. item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), Initials* publisher, city and/or country where published. Buttrick, P. et al., "Alterations in Gene Expression in the Rat Heart after C11 0 Chronic Pathological and Physiological Loads," J. Mol. Cell. Cardiol., 26:61-67 (1994). C12 Calderone H. et al., "Pressure and Volume-Induced Left Ventricular Hypertrophies are Associated with Distinct Myocyte Phenotypes and i/ Differential Induction of Peptide Growth Factor mRNAs," Circulation, 92:2385-2390 (1995). Chapman, D. et al., "Regulation of Fibrillar Collagen Types I and III and C13 Basement Membrane Type IV Collagen Gene Expression in Pressure V Overloaded Rat Myocardium," Circ. Res., 67:787-794 (1990). C14 Charlemagne, D. et al., "Alteration of Na,K-ATPase Subunit mRNA and Protein Levels in Hypertrophied Rat Heart," J. Biol. Chem., 269:1541-1547 (1994). C15 Chien, K. et al., "Regulation of cardiac gene expression during myocardial growth and hypertrophy: molecular studies of an adaptive physiologic response," FASEB, 5:3037-3046 (1991). C C16 Chomczynski, P. et al., "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," Anal. Biochem. 162:156-159 (1987). C17 Chomczynski, P. et al., "A Reagent for the Single-Step Simultaneous Isolation of RNA, DNA and Proteins from Cell and Tissue Samples," Biotechniques, 15:532-534, 536-537 (1993). Comb, M. et al., "Primary structure of the human Met- and Leu-enkephalin C18 precursor and its mRNA," Nature, 295:663-666 (1982). Cooper, G. et al., "Load Induction of Cardiac Hypertrophy," J. Mol. Cell. C19 Cardiol., 21 (Suppl. V):11-30 (1989). Cooper, G., "Cardiocyte Adaptation to Chronically Altered Load," Ann. C20 Rev. Physiol., 49:501-518 (1987). C21 Cummins, P., "Transitions in human atrial and ventricular myosin lightchain isoenzymes in response to cardiac-pressure-overload-induced Û hypertrophy," Biochem. J., 205:195-204 (1982).

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INFORMATION DISCLOSURE			DEC 2 4 2003	Complete if Known					
				Application Number	10/722,292				
			OZABERNY	Filing Date	November 25, 2003				
STAT	EMEN	IT BY APPI	LICANT	First Named Inventor	Richard A. Shimkets				
					et al.				
	(us	e as many sheets	as necessary)	Group Art Unit	Not Yet Assigned				
				Examiner Name	Not Yet Assigned				
Sheet	9	of	10	Attorney Docket Number	09800080-0174				
		OTHER	ITEMS - NON PATE	NT LITERATURE DOCUME	NTS				
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INFO	RMAT	ION DISC	LOSURE	Filing Date	November 25, 2003			
STA	LEWE	NT BY AP	PLICANT	First Named Inventor	Richard A. Shimkets			
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				Examiner Name	Not Yet Assigned			
Sheet	Sheet 10 of		10	Attorney Docket Number	09800080-0174			
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